

## **CURRICULUM VITAE**

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## **ACADEMIC DEGREES**

1982 Ph.D.      **Medical Sciences.**  
American University of Beirut, Beirut, Lebanon

1975 M.Sc.      **Biology.**  
American University of Beirut, Beirut, Lebanon.

1972 B.Sc.      **Biology.**  
American University of Beirut, Beirut, Lebanon.

## **CERTIFICATION**

2001              Certified blood Alcohol Analyst. Washington State Toxicology Laboratory

1991              American Board of Clinical Chemistry.

## **ACADEMIC APPOINTMENTS & EMPLOYMENT**

Feb 01-present      **Forensic Scientist**  
*Washington State Toxicology Laboratory, Seattle, WA*

1999- 2000          **Forensic scientist**  
*Commonwealth of Virginia, Department of Criminal Justice Services, Division of Forensic Science, Richmond, VA*

1999- 2000          **Post-doctorate Fellow, Forensic Toxicology.**  
*The Virginia Institute of Forensic Science and Medicine, Richmond, VA*

1998-1999          **Post-doctorate Fellow, Forensic and Clinical Toxicology.**  
*Medical College of Wisconsin, Department of Pathology, Milwaukee, WI. & Milwaukee County Medical Examiner's Office, Toxicology Department, Milwaukee, WI.*

- 1996 **Assistant Professor, Microbiology & Immunology Dept**, TTUHSC, Lubbock, TX.  
 1996 **Director, Special Clinical Immunology Laboratory**, VAMC, Amarillo, TX  
 1991- 1997 **Assistant Professor, Dept. of Internal Medicine**, TTUHSC, Amarillo, TX  
 1990-1996 **Associate Director, Special Clinical Immunology Lab**, VAMC, Amarillo, TX  
*Texas Tech University Health Sciences Center (TTUHSC), Amarillo & Lubbock, TX*  
*Veterans Affairs Medical Center (VAMC), Amarillo, TX*
- 1985-1988 **Post-doctorate Fellow, Clinical Chemistry**, Pathology Dept, Iowa City, IA.  
*University of Iowa Hospitals & Clinics, Iowa City, Iowa*
- 1982-1985 **Post-doctorate Fellow**, School of Medicine, Biochemistry Dept, St. Louis, Mo.  
*Saint Louis University, St. Louis, Missouri*
- 1975-78 **Instructor of Biology**, School of Arts & Science, Beirut, Lebanon  
*American University of Beirut, Beirut, Lebanon*

### **INDUSTRIAL APPOINTMENTS**

- 1997- 1998 **Scientist, Research & Development**  
*SA Scientific Inc., San Antonio, Texas*

### **TRAINING & WORKSHOPS**

- 2004 **Poisons and Venoms of the Southwest**. California Association of Toxicologists.  
 Tempe, AZ, Sept. 25.
- 2004 **SSRI Drugs**. California Association of Toxicologists. Tempe, AZ, Sept. 24.
- 2004 **The Effects of Drugs on Human Performance and Behavior**. Indiana University;  
 Robert Borkenstein Center for Studies of Law in Action. Bloomington, IN, Sept 19-  
 22.
- 2004 **Exotic Drugs and Toxins Workshop**. California Association of Toxicologists.  
 Oakland, CA. March 12-13.
- 2003 **Drugs and Driving**. California Association of Toxicologists. Culver City, CA,  
 November 7.
- 2003 **Preparation and Planning for Laboratory Accreditation by the American  
 Board of Forensic Toxicology (ABFT)**. Society of Forensic Toxicology. Portland,  
 OR. October 21.
- 2003 **Developments and Pharmacology of Antiepileptic drugs**. Society of Forensic  
 Toxicology. Portland, OR. October 21.
- 2003 **Practical application of LCMS in Routine Forensic Toxicology**. Society of  
 Forensic Toxicology. Portland, OR. October 20.

- 2003 **Psychopharmacology 2003; A Comprehensive Guide to Psychotropic Medication.** Barry Pierce, MD. R. Cassidy Seminars. Bellevue, WA. October 17.
- 2003 **Standardized Field Sobriety Tests**, A refresher. Washington State Patrol. Bellevue, WA. May 28.
- 2003 **Workshop on Interpretive Toxicology.** The Joint meeting of the California Association of Toxicologists and Southern association of toxicologists. Albuquerque, NM, May 2.
- 2003 **The A-Z of Marijuana.** Canadian Society of Forensic Science. Vancouver, Canada, March 26.
- 2003 **Chemical Drugs and the Rave Culture.** Canadian Society of Forensic Science. Vancouver, Canada, March 27.
- 2001 **The Robert F. Borkenstein Course on Alcohol, Drugs, and Highway Safety: Testing, Research, and Litigation.** Indiana University Center for Studies of Law in Action.
- 1996 **HIV Viral load testing using NASBA amplification.** Organon Teknika.
- 1995 **Alcohol in Health and disease.** AACC Annual Meeting. Anaheim, CA, July 19.
- 1994 **Pathology Practicum: Diagnostic Molecular Pathology.** College of American Pathologists & University of Southern California & Los Angeles County Hospital, Los angeles, CA, Feb 14-25.
- 1990 **Southern Hybridization Workshop.** ONCOR, Gaithersburg, MD.

### **PROFESSIONAL ACTIVITIES**

- 2004 Secretary; Pacific Northwest Section of the American Association of Clinical Chemistry.
- 1999 Scientific Advisory Board for the Society of Forensic Toxicology (SOFT) for the annual meeting "SOFT 2000 Milwaukee"
- 1998-1999 Assistant editor of sMATTerings; a newsletter for the Midwest Association for Toxicology and Therapeutic Drug Monitoring
- 1993-1996 Member of the "College of American Pathologists" inspection team.
- 1993-1995 Reviewer for "Clinical & Diagnostic Laboratory Immunology"

### **PROFESSIONAL ORGANIZATIONS**

- 1999 Midwest Association for Toxicology and Therapeutic Drug Monitoring
- 1999 International Association of Therapeutic Drug Monitoring & Clinical Toxicology (IATDMCT)
- 1985-present. American Association of Clinical Chemistry, member
- 1988 The New York Academy of Sciences, member.

### **RECOGNITION AND AWARDS**

1981	Diana Tamari Sabbagh Travel Award, American University of Beirut
1986	AACC Travel Award
1989, 92, 94-96	Clinical Chemists Recognition Award
1994	HIV Education Project Award

### **COMMITTEES**

1998- 1999	Founder of Pharmacogenetic Journal Club Department of Pathology, Medical College of Wisconsin, Milwaukee, WI.
1995- 1996	Clinical Investigations Committee Don & Sybil Harrington Cancer Center, Amarillo, TX.
1990- 1996	HIV/AIDS Committee Veterans Affairs Medical Center (VAMC), Amarillo, Texas

### **PUBLICATIONS**

#### **BOOK CHAPTER**

Catherine A Phillips & **Naziha F Nuwayhid**. The malignant state: The molecular, cytogenetic, and immunologic basis of cancer, In Clinical Oncology. 1993. pp.3-10. Geoffrey Weiss, ed. Appelton at Lange.

#### **INVITED REVIEW**

**Nuwayhid N** (1995) Serologic tests for indirect detection of HIV-1 infection. Clin Diagnostic Lab Immunol 6:637-45

#### **SCIENTIFIC ARTICLES**

Gock SB, Wong SHY, **Nuwayhid N**, Venuti SE, Kelley PD, Tegatz JR, Jentzen JM (1999) Acute zolpidem overdose- report of two cases. J Anal Tox 23(6):559-62

Uy J, **Nuwayhid NF**, Saadeh C (1996) Unusual presentation of gout: Tips for accurate diagnosis. Postgraduate Medicine 100(10):253-268.

**Nuwayhid NF**, Johnson GF, Feld RD (1989) A multipoint kinetic method for the simultaneous measurement of the combined concentrations of acetoacetate- $\beta$ -hydroxybutyrate and lactate-pyruvate. Clin Chem 35:1526-31.

**Nuwayhid NF**, Johnson GF (1989) Digoxin elimination in a functionally anephric patient after digoxin-specific Fab fragment therapy. Ther Drug Monit. 11:680-5.

**Nuwayhid NF**, Johnson GF, Feld RD (1989) Kinetic measurement of the combined concentrations of acetoacetate and  $\beta$ -hydroxybutyrate in serum. Clin Chem 34:1790-3.

Czervionke RL, Johnson GF, **Nuwayhid NF**, Feld RD (1986) Quantification of analyte and interferent by multipoint analysis. Clin Chem 32:1648-54.

**Nuwayhid N**, Glaser JH, Johnson JC, Conrad ED, Hauser S, Hirschberg CB. (1986) Xylosylation and glucuronidation reactions in rat liver golgi apparatus and endoplasmic reticulum. J Biol Chem 261:12936-41.

Deutscher SL, **Nuwayhid N**, Stanley P, Briles EB, Hirschberg CB (1984) Translocation across golgi vesicle membranes: a Chinese hamster ovary glycosylation mutant deficient in CMP-sialic acid transport. Cell 39:295-9.

## **ABSTRACTS & PRESENTATIONS:**

**Nuwayhid N**, Wong SHY, Ashwood L, Mayer L, Saryan L, Linke G, Taha T (1999) Prevalence of elevated blood lead concentrations in children in the Milwaukee population. Clin Chem 45(S6):A21.

Manis L, **Nuwayhid N**, Wong SHY, Hariharan S, Bresnahan B (1999) Monitoring of mycophenolic acid and mycophenolic acid glucuronide in patients post renal transplantation. Clin Chem 45(S6):A126

Schur BC, Bjerke J, **Nuwayhid N**, Wong SHY (1999) Towards genotyping CYP2D6. Annual Meeting of the Midwest Association for Toxicology & Therapeutic Drug Monitoring, Minneapolis, MN, April 30-May 1

**Nuwayhid N**, SB Gock, Wong SHY, PD Kelley, JR Teggatz, JM Jentzen (1999) Acute zolpidem overdose- A case report. 6<sup>th</sup> International Congress of Therapeutic Drug Monitoring & Clinical Toxicology. Cairns, Australia, September 13-17.

**Nuwayhid N**, Wong SHY, S Gock, PD Kelley, JF Jentzen. (1999) A case report of postmortem immunosuppressant concentrations. 6<sup>th</sup> International Congress of Therapeutic Drug Monitoring & Clinical Toxicology. Cairns, Australia, September 13-17.

**Nuwayhid NF** (1996) Emerging and standard tests for the diagnosis and prognosis of HIV-1 infection. The Primary Care Perspective of the AIDS Continuum. Amarillo, Texas, May 31-June 1.

El-Shar A, Saadeh C, **Nuwayhid NF** (1996) Antiphospholipid antibody syndrome (APAS): an unusual presentation in an adolescent male. Accepted for presentation at the 90th Annual Scientific Assembly of the Southern Medical Association. Baltimore, Maryland, November 20-24.

Uy J, Saadeh C, **Nuwayhid NF** (1995) Unusual presentation of gout: lessons and guides to the primary care physician. 89th Annual Scientific Assembly of the Southern Medical Association. Kansas City, Missouri, November 15-19.

**Nuwayhid NF**, Phillips CA (1994) HealthNet Program: Update on HIV/AIDS Testing, Regional Healthcare provider teleconference. Amarillo, Texas. June.

Cone JC, Lu Y, Bjondahl J, **Nuwayhid N**, Trevillyan J, Phillips CA (1992) Signal transduction requirements of the Fc  $\gamma$  RIII (CD16) in the continuous NK cell line, NK3.3. Eight international natural killer cell workshop and first meeting of the society of natural immunity. Tampa, Florida, October 4-6.

**Nuwayhid NF**, Johnson GF (1989) Elimination of total digoxin from a patient in chronic renal failure post Fab fragment (digibind) therapy. Clin Chem 35:1179.

**Nuwayhid NF**, Johnson GF, Feld RD (1989) Simultaneous measurement of ketone bodies: acetoacetate (AcAc) and  $\beta$ -hydroxybutyrate (BHB). Clin Chem 32:1175.

**Nuwayhid N**, Glaser JH, Johnson JC, Conrad ED, Hauser S, Hirschberg CB (1985) Mechanisms of glucuronidation and xylosylation in rat liver endoplasmic reticulum and Golgi apparatus. J Cell Biol 101:439a.

**Nuwayhid N**, Coe E (1982) Motility and aggregation in cellular slime mold amoebae. Seventh Meeting of the Lebanese Association for the Advancement of Science.

**Nuwayhid N**, Coe E (1981) Effects of dimethylsulfoxide (DMSO) on the development of D. discoideum. Fed Proc 40:556

Jannun R, **Nuwayhid N**, Coe E. (198) Biological bromination: bromoperoxidase activity of the Murex sea snail. Fed Proc 40:1774.

Coe E, **Nuwayhid N** (1980) Response to c-AMP in suspension culture of wild type D. discoideum. Fed Proc 39:1953